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Familial Parkinson's disease

NR4A2 mutations are rare among European patients with familial Parkinson's disease (Wellenbrock et al) 2003; 54:415 (Letter)

Fastigial nucleus stimulation

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Fatty acid oxidation disorders

a technique to monitor rapid fatigue in fatty acid oxidation disorders (Cook et al) 2003;54:(suppl 7) S151

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Febrile episodic ataxia

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Febrile seizures, repetitive

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Feeding difficulties

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c954C→T polymorphism in the *Fe65L2* gene is associated with early-onset Alzheimer's disease (Tanahashi et al) 2002;54:137 (Correction)

Fetal nigral transplantation, bilateral

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Fetal Pelizaeus-Merzbacher disease

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Gene polymorphisms

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association between a polymorphism of *brain-derived neu*rotrophic factor gene and sporadic Parkinson's disease (Masaki et al) 2002;54:276 (Letter)

c954C→T polymorphism in the Fe65L2 gene is associated with early-onset Alzheimer's disease (Tanahashi et al) 2002;54:137 (Correction)

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Gene therapy

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(Nance) 2002;54:5 (Editorial)

Genomic fingerprinting

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Genotype-phenotype correlations

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CNS involvement in DM1: definition of the pattern of cognitive impairment and analysis of genotype-phenotype correlations (Modoni et al) 2003;54:(suppl 7) S74

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Glial fibrillary acidic protein

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Schwann cell chemokine receptors mediate HIV-1 gp120 toxicity to sensory neurons (Keswani et al) 2003;54:287

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## Gray matter

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Gray matter atrophy, progressive

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#### Gross motor function

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#### Hallucinations

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Hand myotonia

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## Hearing loss, meningitis-associated

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## Heart rate analysis

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## Heat shock protein 70

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## Hemorrhage, intracranial

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## Hemorrhage, intraventricular

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## Hereditary motor and sensory neuropathy

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## Hereditary spastic paraparesis

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#### Hereditary spastic paraplegia

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Herpesvirus

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Humanin

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Muscular dystrophy, congenital

natural history and response to weekly oral prednisolone in the *dyw* mouse model of congenital muscular dystrophy (Connolly et al) 2003;54:(suppl 7) \$155

POMGnT1 gene mutations in a family with mental retardation, glaucoma, and congenital muscular dystrophy

(Vervoort et al) 2003;54:(suppl 7) S154

Muscular dystrophy, Duchenne creatine and glutamine therapeutic trial in Duchenne muscular dystrophy (DMD) by the Cooperative International Neuromuscular Research Group (CINRG) (Escolar et al) 2003;54:850

Muscular dystrophy, tibial

tibial muscular dystrophy in a Belgian family (Van den Bergh et al) 2002;54:248

Music

the effect of music periodicity on rolandic spikes: a randomized, single-blinded, crossover, clinical trial of the effect of music with distinctive long-term periodicity and repeated melodic line on interictal spike discharges of children with benign childhood epilepsy with centrotemporal spikes (Turner) 2003;54:(suppl 7) S134

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netti et al) 2003;54:833

- bilateral striatal necrosis associated with a novel mutation in the mitochondrial ND6 gene (Solano et al) 2003;54: 527
- cellular mechanism of Cx26 mutations causing dominant hearing loss (Yum and Scherer) 2003;54:(suppl 7) S120
- characteristic diffusion-weighted MRI findings for sporadic CJD with VV2 and familial CJD with V1801 (Shiga et al) 2003;54:(suppl 7) S67
- disturbance of muscle fiber differentiation in congenital hypomyelinating neuropathy caused by a novel *myelin* protein zero mutation (Szigeti et al) 2003;54:398
- do loss-of-function UBE3A mutations account for the complete Angelman's syndrome phenotype? (Gerry and Graf) 2003;54:(suppl 7) S119
- dual mutation of alpha-glucosidase gene presenting as adult-onset respiratory failure (Kern et al) 2003;54: (suppl 7) S76
- early-onset Parkinson's disease caused by a compound heterozygous *DJ-1* mutation (Hague et al) 2002;54:271
- an English kindred with a novel recessive tauopathy and respiratory failure (Nicholl et al) 2003;54:682
- epilepsy with auditory features: a *LGI1* gene mutation suggests a loss-of-function mechanism (Pizzuti et al) 2003;54:137 (Correction)
- the expanding mutational spectrum of MERRF substitution G8361A in the mitochondrial tRNA<sup>Lys</sup> gene (Rossmanith et al) 2003;54:821
- facial nerve avulsion accelerates motoneuron degeneration in pre-symptomatic transgenic rats expressing mutant human Cu/Zn superoxide dismutase (Ikeda et al) 2003; 54:(suppl 7) S53
- the factor V G1691A mutation is significantly associated with childhood porencephaly in white children: a case-control study (Debus et al) 2003;54:(suppl 7) S110
- frequency of parkin mutations in late-onset Parkinson's disease (Klein et al) 2003;54:415 (Letter)
- frequency of parkin mutations in late-onset Parkinson's disease (Oliveira et al) 2003;54:416 (Reply)
- fulminant Alexander disease with a novel mutation in glial fibrillary acidic protein gene (Bassuk et al) 2003;54: (suppl 7) S157
- genetics of Parkinson's disease: what do mutations in DJ-1 tell us? (Moore et al) 2003;54:281
- hereditary spastic paraparesis: disrupted intracellular transport associated with spastin mutation (McDermott et al) 2003;54:748
- humanin improves bioenergetic state of cells harboring A3243G mitochondrial DNA mutations (Kariya et al) 2003;54:(suppl 7) S46
- impaired sequence learning in carriers of the DYT1 dystonia mutation (Ghilardi et al) 2003;54:102
- insertion of mutant proteolipid protein results in missorting of myelin proteins (Vaurs-Barriere et al) 2003;54: 769
- Lewy body pathology in familial Alzheimer's disease: a clinical-neuropathological study in ethnic Volga Germans with a PS-2 mutation or APOE ε4 (Leverenz et al) 2003;54:(suppl 7) S68
- low mutant load of mitochondrial DNA G13513A mutation can cause Leigh's disease (Kirby et al) 2003;54:473
- mutation carriers versus noncarriers in a cohort of at-risk individuals in PPND family (FTDP-17, N279K tau mutation) (Wszolek et al) 2003;54:(suppl 7) S58
- myofibrillar myopathy caused by novel dominant negative αB-crystallin mutations (Selcen and Engel) 2003;54:805

- nonsyndromic mental retardation and cryptogenic epilepsy in women with *doublecortin* gene mutations (Guerrini et al) 2003;54:30
- novel CACNA1A mutation causes febrile episodic ataxia with interictal cerebellar deficits (Subramony et al) 2003;54:725
- novel mutations in the Na<sup>+</sup>,K<sup>+</sup>-ATPase pump gene *ATP1A2* associated with familial hemiplegic migraine and benign familial infantile convulsions (Vanmolkot et al) 2003;54:360
- novel OCTN2 mutations: absence of genotype-phenotype correlations and prevention of cardiomyopathy by early carnitine therapy (Lamhonwah et al) 2003;54:(suppl 7) \$151
- a novel PLP mutation is associated with neurobehavioral phenotype (Cambi et al) 2003;54:(suppl 7) S57
- NR4A2 mutations are rare among European patients with familial Parkinson's disease (Wellenbrock et al) 2003; 54:415
- oxidative capacity correlates with muscle mutation load in mitochondrial myopathy (Jeppesen et al) 2003;54:86
- POMGnT1 gene mutations in a family with mental retardation, glaucoma, and congenital muscular dystrophy (Vervoort et al) 2003;54:(suppl 7) S154
- pyruvate protects motor neuronal cells expressing mutated superoxide dismutase (SOD1) against Cu/Zn-induced toxicity (Kim et al) 2003;54:(suppl 7) S53
- the role of pathogenic *DJ-1* mutations in Parkinson's disease (Abou-Sleiman et al) 2003;54:283
- small interfering RNAs directed against ΔEGFR inhibit the growth of glioma cells (Weiss and Fan) 2003;54: 850
- spinocerebellar ataxia type 14 is caused by a mutation in protein kinase C  $\gamma$  (Yabe et al) 2003;54:(suppl 7) S21
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- variable phenotypic expression and extensive tau pathology in two families with the novel *tau* mutation L315R (van Herpen et al) 2003;54:573

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- impaired complex I asssembly in a Leigh syndrome patient with a novel missense mutation in the ND6 gene (Ugalde et al) 2003;54:665
- missense mutation in platelet-activating factor acetylhydrolase: a genetic severity factor in opticospinal multiple sclerosis (Osoegawa et al) 2003;54:(suppl 7) S62
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- homozygous prion protein genotype at codon 129 is not a predisposing factor for developing familial Creutzfeldt-Jakob disease with a point mutation of Val to Ile at codon 180 (Shiga et al) 2003;54:(suppl 7) S69
- Myasthenia gravis
  - oculomotor signs in Lambert-Eaton myasthenic syndrome-coincidence with myasthenia gravis (Burns and Jones) 2003;54:136 (Reply)
  - oculomotor signs in Lambert-Eaton myasthenic syndrome-coincidence with myasthenia gravis (Toyka and Schneider-Gold) 2003;54:135 (Letter)
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Myelin proteins

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Myelination

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MYH7 gene

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Myofibrillar myopathy

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Myosin storage myopathy

myosin storage myopathy associated with a heterozygous missense mutation in MYH7 (Tajsharghi et al) 2003; 54:494

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trophy types 1 and 2 (Mankodi et al) 2003;54:760

N-acetyl aspartate

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N-octyl-4-epi-b-valienamine

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Narrative recall impairment

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ND6 gene

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Necrosis, radiation

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Neocortex, dysplastic

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Neonatal arterial ischemic stroke

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Neonatal encephalopathy

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Neonatal fluoxetine withdrawal

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Neonatal group B streptococcal meningitis

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Neural crest cells

cell and receptor dose dependence of NGF function in primitive neural crest cells (Yan et al) 2003;54:(suppl 7) S120

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Neuroborreliosis

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Neurodegeneration, corticobasal

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Neurodegeneration, frontotemporal

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Neurodegeneration, striatal

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Neurodegenerative disease

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Neuronal development

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Neuropathy, alcoholic

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Neuropathy, autoimmune autonomic

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Neuropathy, HIV-associated painful

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Neuropathy, hypomyelinating

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Neuropathy, motor

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Neuroplasticity

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Neuropsychological development

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Neurosciences Intensive Care Unit

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Neurotoxicity, Cu/Zn-induced

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Neurotoxicity, ddC-induced

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NOS2A

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NR4A2 gene

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Stroke, neonatal arterial ischemic

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Stroke, pediatric

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neonatal fluoxetine withdrawal secondary to maternal use during pregnancy: is fluoxetine safe? (Lavenstein et al) 2003;54:(suppl 7) S127

#### Women

- changes in perception of risks and benefits of hormone therapy in women with stroke (Bushnell et al) 2003;54:
- nonsyndromic mental retardation and cryptogenic epilepsy in women with *doublecortin* gene mutations (Guerrini et al) 2003;54:30
- onset of dementia is associated with age at menopause in women with Down's syndrome (Schupf et al) 2003;54: 433

## Women's Health Initiative (WHI)

lack of impact of the Women's Health Initiative on hormone therapy use after stroke (Bushnell and Goldstein) 2003;54:697

## X-linked adrenoleukodystrophy

oligonucleotide microarray expression analysis of X-linked adrenoleukodystrophy fibroblasts (O'Neill et al) 2003; 54:(suppl 7) S57

#### Venet

α-synuclein toxicity in yeast (Dixon et al) 2003;54:(suppl 7) S39

## Yorkshire kindred

an English kindred with a novel recessive tauopathy and respiratory failure (Nicholl et al) 2003;54:682

## Zalcitabine; see ddC

#### Zin

- pre-synaptic zinc dynamics in permanent and transient focal ischemia (Subramaniam et al) 2003;54:(suppl 7) S65
- a randomized, controlled trial of antioxidants and zinc and the impact on cognition in the elderly: the AREDS Ancillary Trial (Yaffe et al) 2003;54:(suppl 7) S28

## Zolmitriptan

- oral zolmitriptan demonstrates high efficacy in the acute treatment of true menstrual migraine (Singer et al) 2003;54:(suppl 7) S32
- a single dose of zolmitriptan nasal spray is efficacios over multiple attacks (Charlesworth et al) 2003;54:(suppl 7) 532
- zolmitriptan nasal spray is highly efficacious, very fast acting and produces sustained relief in the treatment of acute migraine in a real life setting: results from phase I of the REALIZE study (Gawel et al) 2003;54:(suppl 7) S32